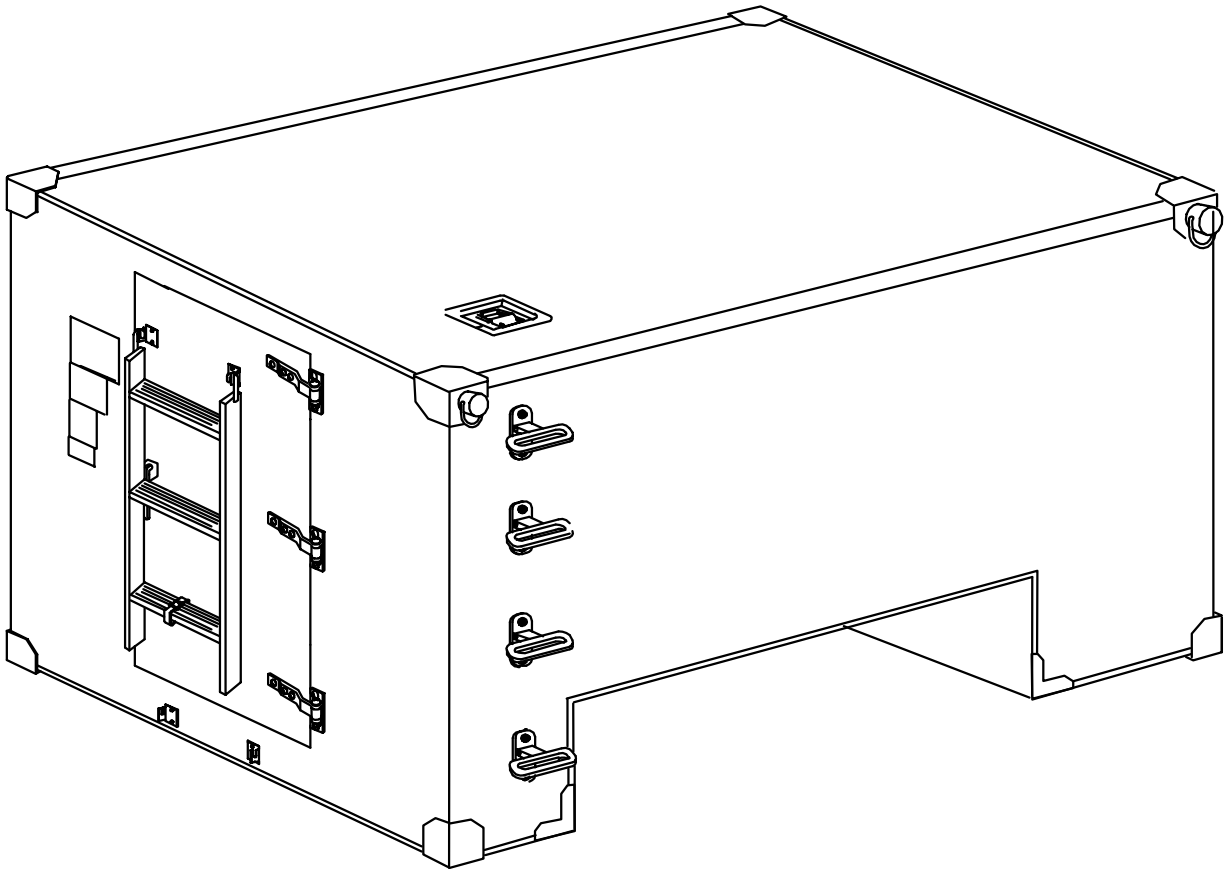
TECHNICAL MANUAL

OPERATOR'S, UNIT AND DIRECT SUPPORT MAINTENANCE MANUAL FOR LIGHTWEIGHT MULTIPURPOSE SHELTER (LMS) LMS TYPE 1 NSN 5411-01-473-5051



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HEADQUARTERS, DEPARTMENT OF THE ARMY

31 AUGUST 2003

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LMS TYPE 1

NSN 5411-01-473-5051

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) to: Commander, U.S. Army Soldier and Biological Chemical Command, ATTN: AMSSB-RIM-L (N), Kansas Street, Natick, MA 01760-5052. You may also send in your recommended changes via electronic mail directly to amssbriml@natick.army.mil. A reply will be furnished to you.

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HOW TO USE THIS MANUAL

This manual explains how to operate and maintain the Lightweight Multi-Purpose Shelter (LMS). Take a few minutes to look through this manual. We've designed this manual to make it easier for you to find and perform the procedure you need.

1. If the LMS Type 1 Shelter needs repair and you know what is wrong with it, here is what you do:

    a. Turn to the index and check for a paragraph on the component you want to remove and replace.

    b. Turn to the paragraph. Under the paragraph title, you will find the tools, materials, and equipment condition needed to perform the procedure. If an equipment condition is needed to prepare the LMS Type 1 Shelter component for the removal procedure, it will be noted.

    c. To remove defective components, follow the removal procedure.

    d. To install the new component, perform the installation procedure. The LMS Type 1 Shelter should now be ready to operate.

    e. Perform the applicable troubleshooting procedures to verify the repair of the LMS Type 1 Shelter component.

2. If the LMS Type 1 Shelter needs repair and you do not know what is wrong with it, go to the troubleshooting procedures. Identify the malfunction and locate it in the troubleshooting table. Then perform the tests/inspections and corrective actions in the order listed. If the malfunction is not listed in the troubleshooting table or is not corrected by the corrective action listed, notify the next higher level of maintenance.

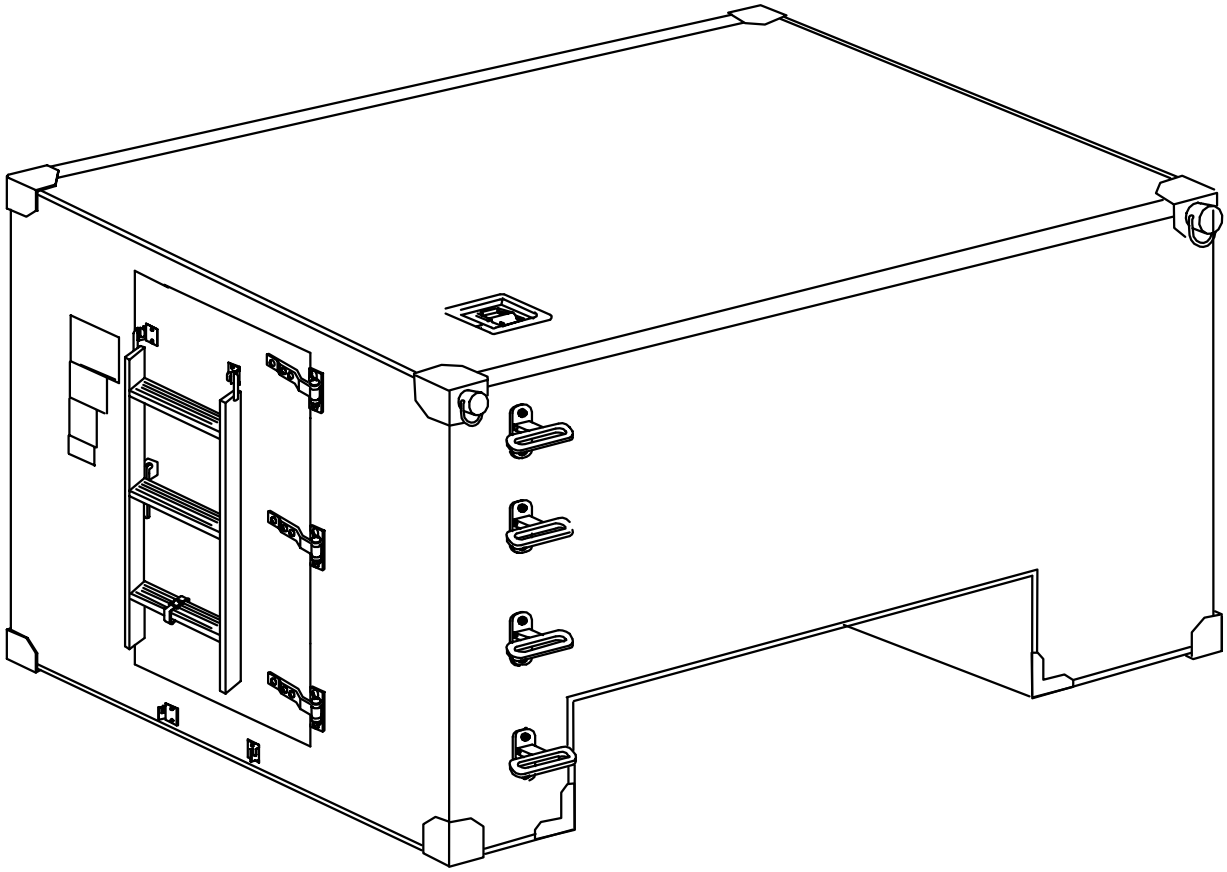
CHAPTER 1

INTRODUCTION

FOR

LIGHTWEIGHT MULTIPURPOSE SHELTER (LMS)

LMS TYPE 1



SCOPE.

Type of Manual. This manual is an Operator's, Unit, and Direct Support Maintenance Manual for the LMS Type 1 Shelter only.

Model Number and Equipment Name. The official equipment nomenclature is the Lightweight Multi-purpose Shelter (LMS), LMS Type 1. (Model S-788/G assigned to the LMS Type 1 Shelter.)

Purpose of Equipment. The LMS Type 1 Shelter is an enclosure assembly.

MAINTENANCE FORMS, RECORDS AND REPORTS. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, The Army Maintenance Management System (TAMMS).

DESTRUCTION OF ARMY MATERIAL TO PREVENT ENEMY USE. For procedures and materials to destroy the NSN 5411-01-473-5051 enclosure, refer to TM 750-244-3, Procedures for Destruction of Equipment to Prevent Enemy Use.

PREPARATION FOR STORAGE AND SHIPMENT.

Definition.

For the placement of equipment in limited storage (less than 2 weeks) and reshipment, see 0026 00. The placement of equipment in administrative storage can be for short periods of time (6 months or less) when:

An organization lacks operating funds, personnel, other resources, and/or does not experience normal usage of its organic equipment.

Material which exceeds the capability of the owning organization to operate or maintain and must be maintained by that organization for contingency or other cogent reasons.

Installation or organization commanders may authorize the administrative storage of their material within the guidance furnished by MACOM Commanders and AR 750-1.

During the storage period, appropriate maintenance records will be kept.

SB 740-95-1, Storage Serviceability Standards for ACALA Material, will be followed to determine the required inspections for determining the serviceability of the LMS Type 1 Shelter in administrative storage.

Scope. The requirements specified herein are necessary to maintain the LMS Type 1 Shelter in administrative storage to achieve the maximum readiness.

General.

Equipment that is placed in administrative storage should be capable of being readied to perform the intended mission within a 24-hour period or as otherwise prescribed by the approving authority. Before equipment is placed in administrative storage, current maintenance services, shortcomings, and deficiencies should be corrected and all Modification Work Orders (MWOs) should be applied.

Report equipment in administrative storage in Material Readiness and Unit Readiness reports as prescribed for all reportable equipment. See AR 220-1.

NOTE

Touch-up painting will be in accordance with local SOP and requirements.

Records and reports to be maintained for equipment in administrative storage are the same as those prescribed by DA PAM 738-750 for equipment in use.

10% variance is acceptable on time running hours or mileage used to determine maintenance actions required.

Security. Instructions contained herein do not modify security procedures and requirements for classified or pilferable items. See AR 190-15 and AR 190-51.

Storage Site.

Select the best available site for administrative storage. Separate stored equipment from equipment in use. Boldly mark the area “Administrative Storage”.

Covered space is preferred. When covered space for all equipment to be stored is not available, select an open site and ensure that equipment is covered.

Open sites should be improved hardstand, if available. Unimproved sites should be firm, well drained, and kept free of excessive vegetation.

Storage Plan.

Store equipment to provide maximum protection from the elements and to provide access for inspection, maintenance, and exercising. Anticipate removal or deployment problems and take suitable precautions.